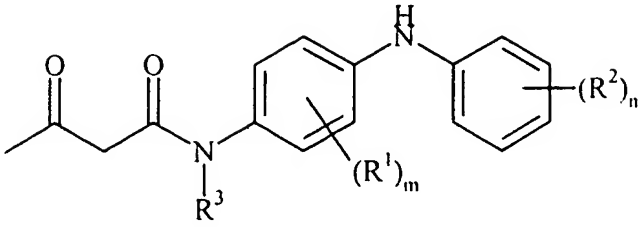
Claims:

1. Process for the preparation of compounds of the general formula



(I).

in which

R^1 and R^2 are at each occurrence independently hydroxyl, C_{1-6}-alkyl, C_{1-6}-alkoxy, halogen, phenyl or phenoxy;

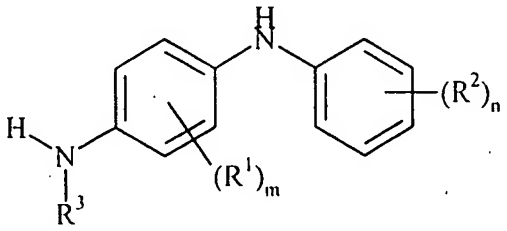
R^2 is hydroxyl, C_{1-6}-alkyl, C_{1-6}-alkoxy, halogen, phenyl or phenoxy;

R^3 is hydrogen or C_{1-6}-alkyl,

m is an integer from 0 to 4, and

n is an integer from 0 to 5

characterized in that diketene is reacted with an *N*-phenyl-*p*-phenylenediamine of the general formula

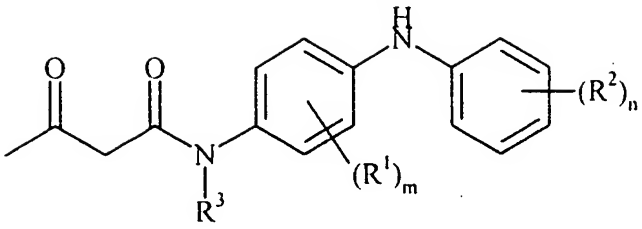


(II),

in which R^1, R^2, R^3, m and n have the meaning indicated above, in the presence of 3-40% strength acetic acid at temperatures from 20 to 100°C, preferably at 60 to 70°C.

2. Process according to Claim 1, where R^3 is C_{1-6}-alkyl.

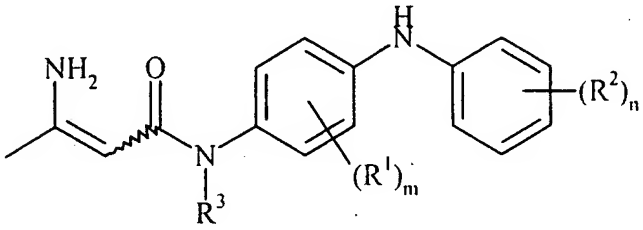
3. Compounds of the general formula



(I).

in which R^1, R^2, m and n have the meaning indicated in claim 1 and R^3 is C_{1-6}-alkyl.

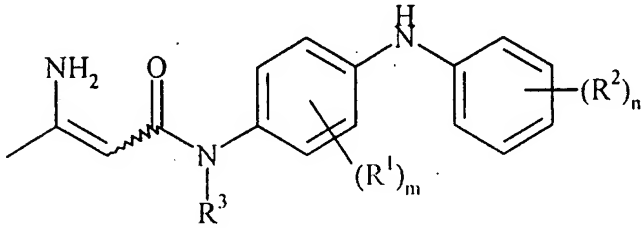
4. Compounds of the general formula



(III).

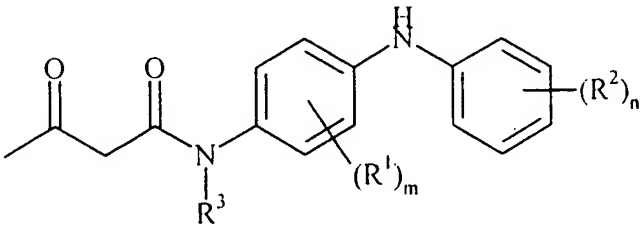
in which R^1, R^2, m and n have the meaning indicated in claim 1 and R^3 is C_{1-6}-alkyl.

5. Process for the preparation of compounds of the general formula



(III),

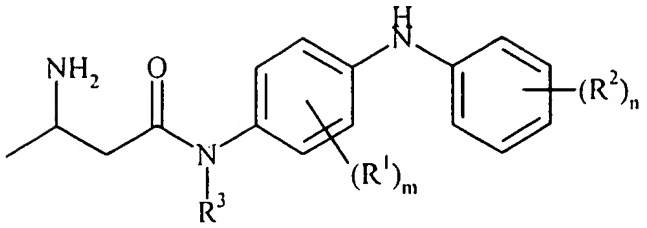
in which R^1, R^2, m and n have the meaning indicated in claim 1 and R^3 is C_{1-6}-alkyl characterized in that a compound of the general formula



(I),

in which R^1, R^2, R^3, m and n have the meaning indicated above, is reacted with ammonia.

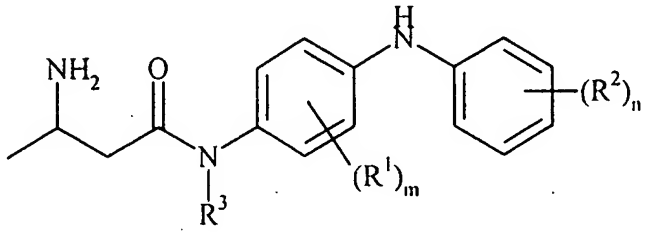
6. Compounds of the general formula



(IV),

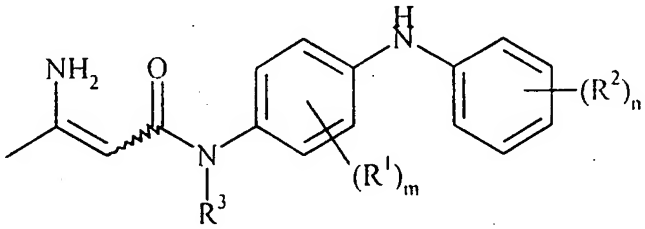
in which R^1, R^2, m and n have the meaning indicated in claim 1 and R^3 is C_{1-6}-alkyl.

7. Process for the preparation of compounds of the general formula



(IV),

in which R^1, R^2, m and n have the meaning indicated in claim 1 and R^3 is C_{1-6}-alkyl characterized in that a compound of the general formula



(III),

in which R^1, R^2, R^3, m and n have the meaning indicated above, is catalytically hydrogenated.